

Please type a plus sign (+) inside this box ☐PTO/SB/08A (05-00) - MODIFIED
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/040,948
				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	1	of	1	Attorney Docket Number	SPLX.P0025

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2001/0003843	A1	Scepanovic et al.	06-14-01	
	2.	4,615,011		Linsker	09-30-86	
	3.	4,673,966		Shimoyama	06-16-87	
	4.	4,782,193		Linsker	11-01-88	
	5.	4,855,929		Nakajima	08-08-89	
	6.	5,097,422		Corbin II et al.	03-17-92	
	7.	5,251,147		Finnerty	10-05-93	
	8.	5,281,151		Arima et al.	01-25-94	
	9.	5,360,948		Thornberg	11-01-94	
	10.	5,375,069		Sato et al.	12-20-94	
	11.	5,532,934		Rostoker	07-02-96	
	12.	5,578,840		Scepanovic	11-26-96	
	13.	5,633,479		Hirano	05-27-97	
	14.	5,634,093		Ashida et al.	05-27-97	
	15.	5,636,125		Rostoker et al.	06-03-97	
	16.	5,650,653		Rostoker et al.	07-22-97	
	17.	5,657,242		Sekiyama et al.	08-12-97	
	18.	5,723,908		Fuchida et al.	03-03-98	
	19.	5,742,086		Rostoker et al.	04-21-98	
	20.	5,757,656		Hershberger et al.	05-26-98	
	21.	5,777,360		Rostoker et al.	07-07-98	
	22.	5,811,863		Rostoker et al.	09-22-98	
	23.	5,822,214		Rostoker et al.	10-13-98	
	24.	5,859,449		Kobayashi et al.	01-12-99	
	25.	5,898,597		Scepanovic et al.	04-27-99	

Examiner Signature		Date Considered	10/2/03
--------------------	--	-----------------	---------

* EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

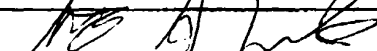
Unique citation designation number. * See attached Kinds of U.S. Patent Documents. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. * Applicant is to place a check mark here if English language translation is attached.

Please type a plus sign (+) inside this box: ☐PTO/SB/08A (08-09) - MODIFIED
Approved for use through 10/31/2002 OMB 0651-0631
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Application Number	10/040,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/5/02
				First Named Inventor	Steven Telg
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	2	of	2	Attorney Docket Number	SPLX.P0025

U.S. PATENT DOCUMENTS					
26.	5,914,887		Scepanovic et al.	06-22-99	
27.	5,973,376		Rostoker et al.	10-26-99	
28.	6,035,108		Kikuchi	03-07-00	
29.	6,058,254		Scepanovic et al.	05-02-00	
30.	6,067,409		Scepanovic et al.	05-23-00	
31.	6,068,662		Scepanovic et al.	05-30-00	
32.	6,123,736		Pavisc et al.	09-26-00	
33.	6,134,702		Scepanovic et al.	10-17-00	
34.	6,155,725		Scepanovic et al.	12-05-00	
35.	6,175,950	B1	Scepanovic	01-16-01	
36.	6,216,252	B1	Dangelo et al.	04-10-01	
37.	6,230,306	B1	Raspopovic et al.	05-08-01	
38.	6,247,167	B1	Raspopovic et al.	06-12-01	
39.	6,260,179	B1	Ohsawa et al.	07-10-01	
40.	6,262,487	B1	Igarashi et al.	07-17-01	
41.	6,289,495	B1	Raspopovic	09-11-01	
42.	6,301,686	B1	Kikuchi et al.	10-09-01	
43.	6,327,694	B1	Kanazawa	12-04-01	
44.	6,378,121	B2	Hiraga	04-23-02	
45.	6,385,758	B1	Kikuchi et al.	05-07-02	
46.	6,401,234	B1	Alpert et al.	06-04-02	
47.	6,405,358	B1	Nuber	06-11-02	
48.	6,412,097	B1	Kikuchi et al.	06-25-02	
49.	6,412,102	B1	Andreev et al.	06-25-02	
50.	6,436,804	B2	Igarashi et al.	08-20-02	
51.	6,446,245	B1	Xing et al.	09-03-02	
52.	6,463,575	B1	Takahashi	10-08-02	

Examiner Signature		Date Considered	10/2/03
--------------------	---	-----------------	---------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique citation designation number. * See attached Kinds of U.S. Patent Documents. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16, if possible. * Applicant is to place a check mark here if English language translation is attached.

Please type a plus sign (+) inside this box: ☐PTO/SB/08A (08-06) MODIFIED
Approved for use through 10/31/2002 OMP 0851-0031
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/040,948
				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	3	of	3	Attorney Docket Number	SPLX.P0025

U.S. PATENT DOCUMENTS					
	53.	6,516,455	B1	Teig et al.	02-04-03
	54.	2003/0025 205	A1	Shively	02-06-03

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office	Number ¹				
	55.	JP	64-15947		Ouchi	01-19-89	
	56.	JP	04000677		Fujiwara et al	01-1992	

Examiner Signature		Date Considered	10/2/03
-----------------------	--	--------------------	---------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on this document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐PTO/SR/68A (03-00) - MODIFIED
Approved for use through 10/31/2002 OMB 5051-0031
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO			Application Number	10/040,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Filing Date	1/5/02
			First Named Inventor	Steven Teig
			Group Art Unit	2812
			Examiner Name	Stacy A. Whitmore
			Attorney Docket Number	SPLX.P0025
Sheet	4	of	4	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T ¹
SW	57.	A.H. Farrahi, et al., Quality of EDA CAD Tools: Definitions, Metrics and Directions, Quality Electronic Design, 2000, Proceedings of the first International Symposium on March 2000, pp 395-405.	
	58.	B. Berger, et al., Nearly Optimal Algorithms and Bounds for Multilayer Channel Routing, Journal of the Association for Computing Machinery, pp. 500-542, March 1995.	
	59.	C. Chiang, et al., Wirability of Knock-Knee Layouts with 45° Wires, IEEE Transactions on Circuits and Systems, Vol. 38, Issue 6, pp 613-624, June 1991.	
	60.	G. Overton, EDA Underwriter 2 Finding Space in a Multi Layer Board, Electronic Engineering, Morgan-Grampian LTD, vol. 67, No. 819, pp 29-30.	
	61.	J. Su et al., Post Route Optimization for Improved Yield Using Rubber-Band Wiring Model, 1997 International Conference on Computer-Aided Design, pp 700-706, November 1997.	
	62.	J. Vicente, RSR: A New Rectilinear Steiner Minimum Tree Approximation for FPGA Placement and Global Routing, Proceedings of the 24 th Euro Micro Conference, pp 192-195, August 1998.	
	63.	K. Powers et al., The 60° Grid: Routing Channels in Width d/square root 3, VLSI, 1991, Proceedings, First Great Lakes Symposium on Kalamazoo, MI, USA, pp 214-291, March 1991.	
	64.	M. Alexander et al., Performance-Oriented Placement and Routing for field-programmable gate arrays, Proceedings of the European Design Automation Conference, pp 80-85, 1995.	
	65.	M. Alexander et al., Placement and Routing for Performance-Oriented FPGA Layout, VLSI Design, Vol. 7, No. 1, 1998.	
	66.	M. Igarashi et al., A Diagonal-Interconnect Architecture and Its Application to RISC Core Design, 2002 IEEE Solid-State Circuits Conference, pp 210-460, February 2002.	
	67.	P. Dood, et al., A Two-Dimensional Topological Compactor with Octagonal Geometry, 28 th ACM/IEEE Design Automation Conference, pp 727-731, July 1991	
	68.	P. Parakh, et al., Congestion Driven Quadratic Placement, Proceedings of Design Automation Conference, 1998, pp 275-278.	
	69.	R. Putatunda et al., VITAL: Fully Automatic Placement Strategies for Very Large Semicustom Designs, Proceedings of the International Conference on Computer Design: VLSI in Computers and Processors, pp 434-439 October 1988.	
	70.	S. Dutt, et al., Probability-Based Approaches to VLSI Circuit Partitioning, IEEE Trans. On Computer Aided Design of IC's and Systems, Vol. 19, No. 5, May 2000, pp 534-549.	
	71.	Y. Sekiyama et al., Timing-Oriented Routers for PCB Layout Design of High-Performance Computers, International Conference on Computer Aided Design, pp 332-335, November 1991.	
	72.	C. Leiserson et al., Algorithm for Routing and Testing Routability of Planar VLSI Layouts, pp 69-78, May 1985.	

Examiner Signature		Date Considered	10/2/03
--------------------	---	-----------------	---------

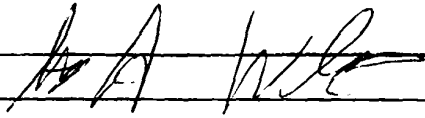
¹ EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3.1). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ☐PTO/SB/04A (08-00) - MODIFIED
Approved for use through 10/31/2002 OMB 0851-0031
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE


Substitute for form 1449A/PTO				Application Number	10/040,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	5	of	5	Attorney Docket Number	SPLX.P0025

NON PATENT LITERATURE DOCUMENTS	
73	S. Das et al., Channel Routing in Manhattan-Diagonal Model, 9 th International Conference on VLSI Design, January 1996, pp 43-48.
74	W. Wei-Ming Dai et al., Routability of a Rubber-Band Sketch, 28 th ACM/IEEE Design Automation Conference, 1991, pp 45-65.
75	H. Chen, Routing L-Shaped Channels in Nonslicing-Structure Placement, 24 th ACM/IEEE Design Automation Conference, pp 152-165, 1987.
76	I. Tollis, Techniques for Wiring in Non-Square Grids, pp 66-69, May 1989.
77	E. Lodi et al., A 2d Channel Router for the Diagonal Model, pp 111-125, April 1991.
78	E. Lodi et al., Routing in Times Square Mode, pp 41-48, June 1990.
79	K. Cheng-Kok et al., Manhattan or Non Manhattan? A Study of Alternative VLSI Routing Architectures, pp 47-52, 2000.
80	E. Lodi et al., Routing Multiterminal Nets in a Diagonal Model, pp 899-902, 1988.
81	D. Staepelaere et al., Surf: A Rubber-Band Routing System for Multichip Modules, pp 18-26, 1993.
82	S. Das et al., Routing of L-Shaped Channels, Switch boxes and Staircases in Manhattan-Diagonal Model, pp 65-70m January 1998.
83	W. Schiele et al., A Gridless Router for Industrial Design Rule, 27 th ACM/IEEE Design Automation Conference, pp 626-631, 1990.
84	J. Nester, A New Look at Hardware Maze Routing, Proceedings of the 12 th ACM Symposium on Great Lakes Symposium on VLSI, pp 142-147, April 2002.

Examiner Signature		Date Considered	10/2/03
--------------------	---	-----------------	---------

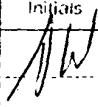
* EXAMINER: initial reference considered, whether or not citation is in conformance with MPEP 603. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


Unique citation designation number. See attached Kinds of U.S. Patent Documents. Enter Office that issued the document, by the two-letter code (WIPO Standard S1.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard S1.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box: 

Based on PTO/SB/08 a & b (10-03)
 Approved for use through 05/31/2003. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Application Number	10/040,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	SPLX.P0025
Sheet	1	of	1		

RELATED U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document Number	Date of filing MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
	1.	2003/0079193	12-07-2001	Steven Teig et al.	Parent application; present application is a continuation of 2003/079193.
	2.	2003/0018947	12-07-2001	Steven Teig et al.	Application filed on the same day as the parent application 2003/0079193, with the same specification as the present application except for summary and abstract.
	3.	2002/0147958	10-19-2001	Steven Teig et al.	Parent application per the preliminary amendment dated 2/19/03.
	4.	2003/0063614	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	5.	2003/0064559	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	6.	2003/0063568	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	7.	2003/0101428	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	8.	2003/0043827	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	9.	2003/0023943	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	10.	2003/0066042	01-05-2002	Steven Teig et al.	Continuation of 2003/0079193.
	11.	2002/0174412	01-07-2002	Steven Teig et al.	Continuation of 2003/0079193.
	12.	2003/0088844	01-07-2002	Steven Teig et al.	Continuation of 2003/0079193.
	13.	2002/0199165	01-13-2002	Steven Teig et al.	Continuation of 2003/0079193.
	14.	2003/0066043	01-13-2002	Steven Teig et al.	Continuation of 2003/0088844 per preliminary amendment.
	15.	2003/0115566	01-13-2002	Steven Teig	Continuation of 2003/0088844 per preliminary amendment.
	16.	2003/0056187	01-14-2002	Steven Teig et al.	Another continuation of 2003/0079193.

Examiner Signature		Date Considered	10/2/03
--------------------	---	-----------------	---------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 501.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Received from < 650 934 0475 > at 9/30/03 9:05:11 AM [Eastern Daylight Time]

Please type a plus sign (+) inside this box ☐

Based on PTO/SB-08 a & b (05-03)
Approved for use through 05/31/2003 OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Application Number	10/040,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	SPLX.P0025

RELATED U.S. PATENT DOCUMENTS					
17.	2003/0066044	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.	
18.	2003/0066045	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.	
19.	2002/0133798	12-06-2000	Steven Teig et al.	Application regarding related placement technology	
20.	2002/0100007	12-06-2000	Steven Teig et al.	Application regarding related placement technology	
21.	2002/0073390	12-13-2000	Steven Teig et al.	Application regarding related placement technology	
22.	S/N 09/737,220	12-13-2000	Steven Teig et al.	Application regarding related placement technology	
23.	S/N 09/737,245	12-13-2000	Steven Teig et al.	Application regarding related placement technology	
24.	S/N 09/739,460	12-15-2000	Steven Teig et al.	Application regarding related placement technology	
25.	2002/0124231	12-15-2000	Steven Teig et al.	Application regarding related placement technology	
26.	S/N 09/739,589	12-15-2000	Steven Teig et al.	Application regarding related placement technology	
27.	S/N 09/742,171	12-19-2000	Steven Teig et al.	Application regarding related placement technology	
28.	2003/0121015	12-19-2000	Steven Teig et al.	Application regarding related placement technology	
29.	2002/0069397	01-13-2002	Steven Teig et al.	Application regarding related placement technology	
30.	2002/0170027	02-20-2002	Steven Teig et al.	Application regarding related placement technology	
31.	2002/0157075	02-20-2002	Steven Teig et al.	Application regarding related placement technology	
32.	2003/0088841	12-23-2002	Steven Teig et al.	Application regarding related placement technology	

Examiner Signature		Date Considered	10/2/03
--------------------	---	-----------------	---------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form, and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please type a plus sign (+) inside this box → ☐

Based on PTO/SB/08 a & b (05-03)
 Approved for use through 05/31/2003. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/040,948
				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2812
				Examiner Name	Stacy A. Whitmore
Sheet	1	of	1	Attorney Docket Number	SPLX.P0025

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No.	U.S. Patent Document Number	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
[Signature]	1.	2003/0101428 S/N 10/040,915	01-05-2002	Steven Teig et al.	Previously specified
	2.	2003/0043827 S/N 10/040,953	01-05-2002	Steven Teig et al.	Previously specified
	3.	2003/0023943 S/N 10/040,954	01-05-2002	Steven Teig et al.	Previously specified
	4.	2003/0066042 S/N 10/040,963	01-05-2002	Steven Teig et al.	Previously specified
	5.	2002/0174412 S/N 10/041,942	01-07-2002	Steven Teig et al.	Previously specified
	6.	2003/0088844 S/N 10/041,957	01-07-2002	Steven Teig et al.	Previously specified
	7.	2002/0199165 S/N 10/046,864	01-13-2002	Steven Teig et al.	Previously specified
	8.	2003/0056187 S/N 10/047,982	01-14-2002	Steven Teig et al.	Previously specified
	9.	2002/0073390 S/N 09/737,210	12-13-2000	Steven Teig et al.	Previously specified
	10.	2002/0124231 S/N 09/739,580	12-15-2000	Steven Teig et al.	Previously specified
	11.	2003/0121015 S/N 09/745,067	12-19-2000	Steven Teig et al.	Previously specified
	12.	2003/0088841 S/N 10/329,241	12-23-2002	Steven Teig et al.	Previously specified
	13.	2003/0088845 S/N 10/047,978	01-13-2002	Steven Teig et al.	Continuation of the parent application (2003/0079193) of the present application.
[Signature]	14.	Preliminary Amendment for S/N 10/047,978	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088845 does not accurately reflect the claims of S/N 10/047,978.

Examiner Signature	[Signature]	Date Considered	10/2/03
--------------------	-------------	-----------------	---------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.